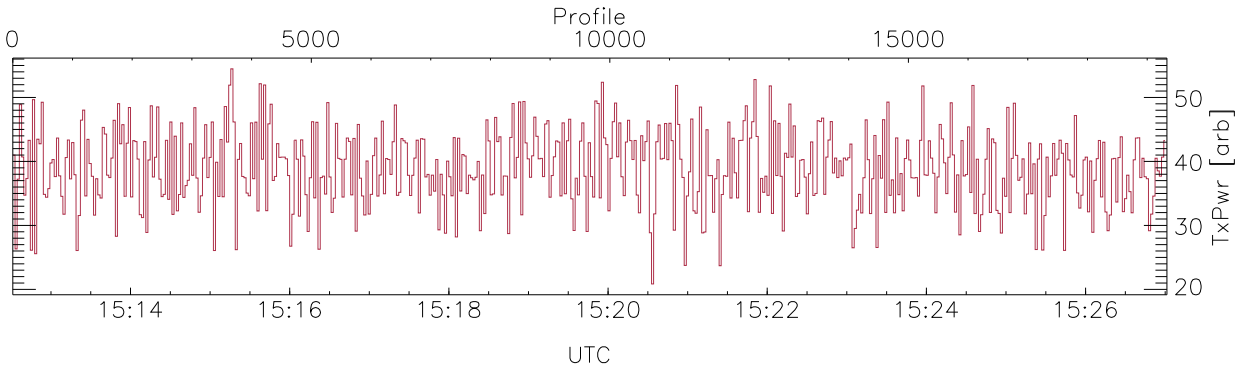
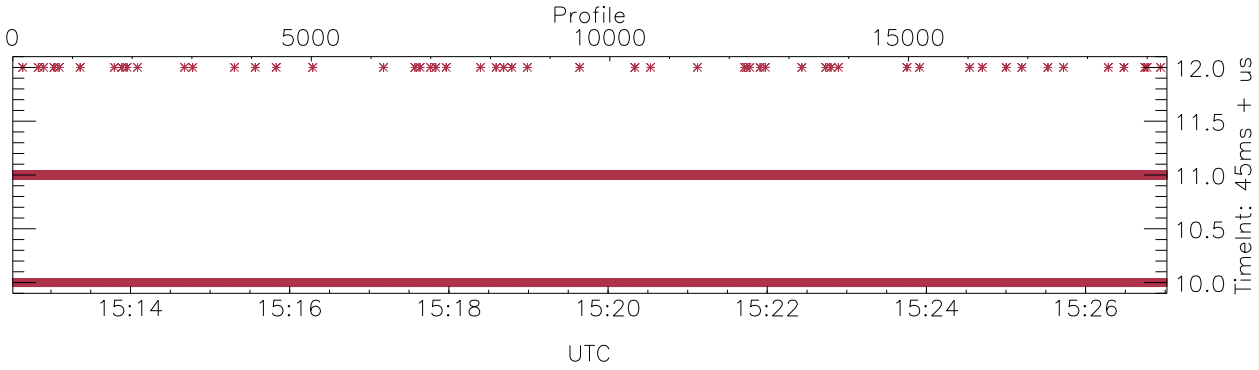
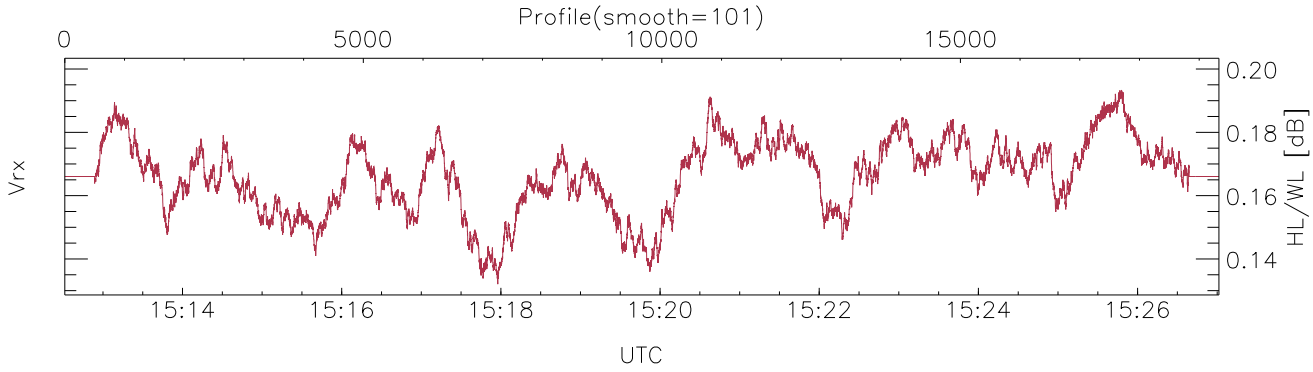
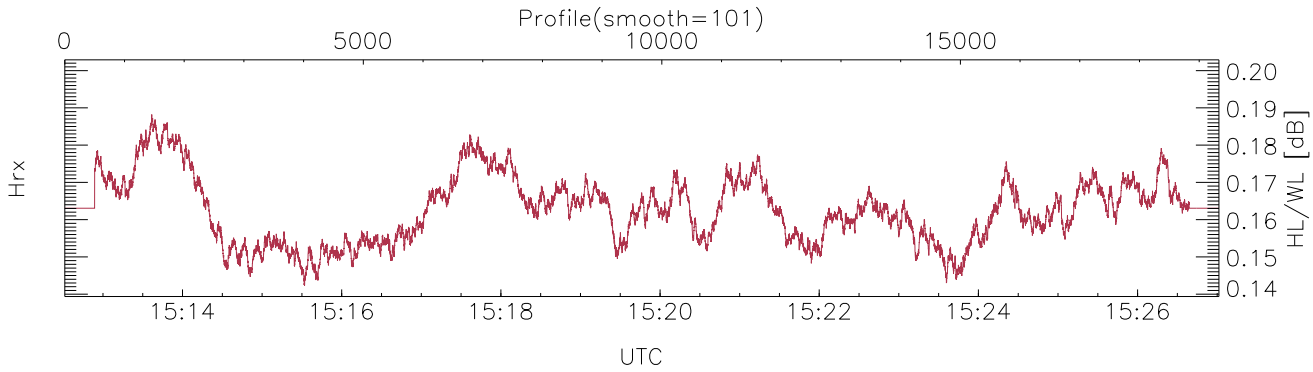


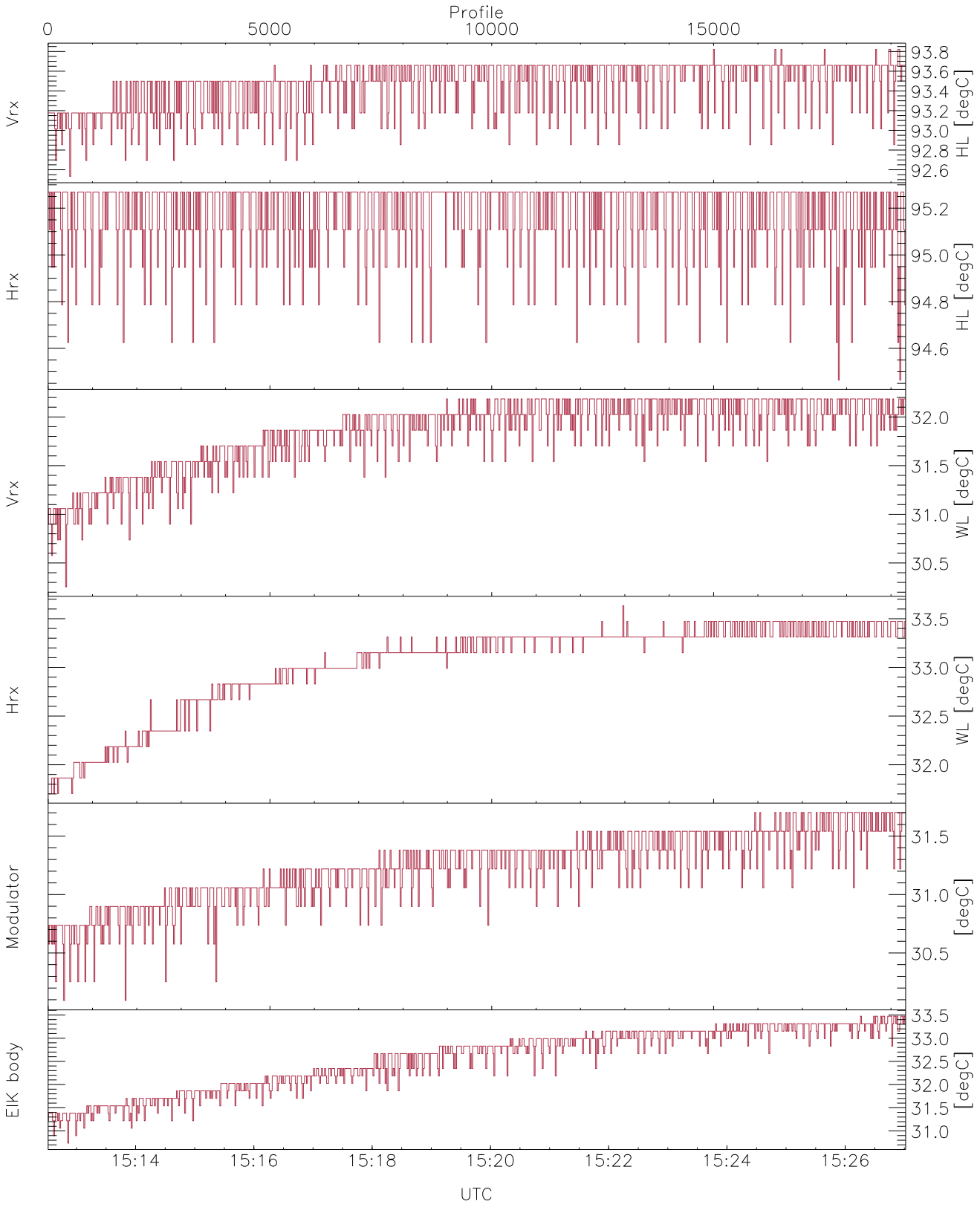






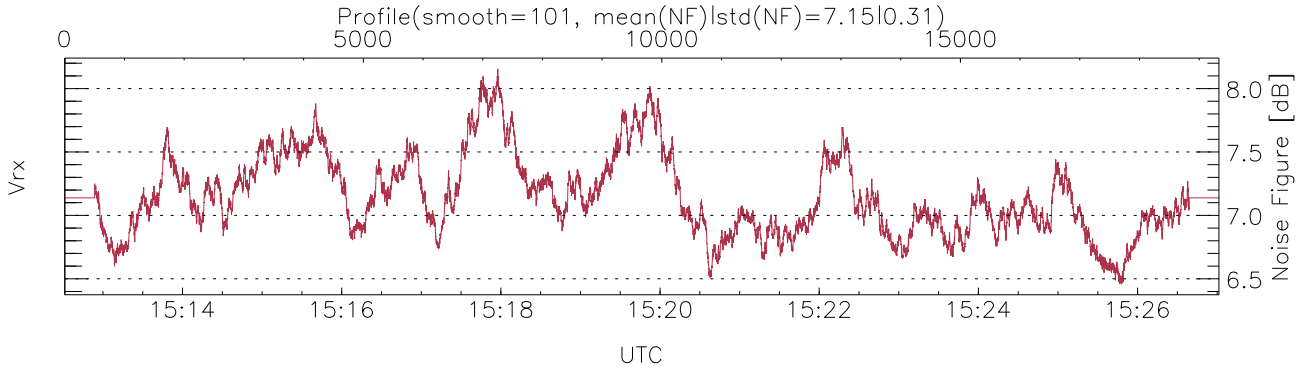
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

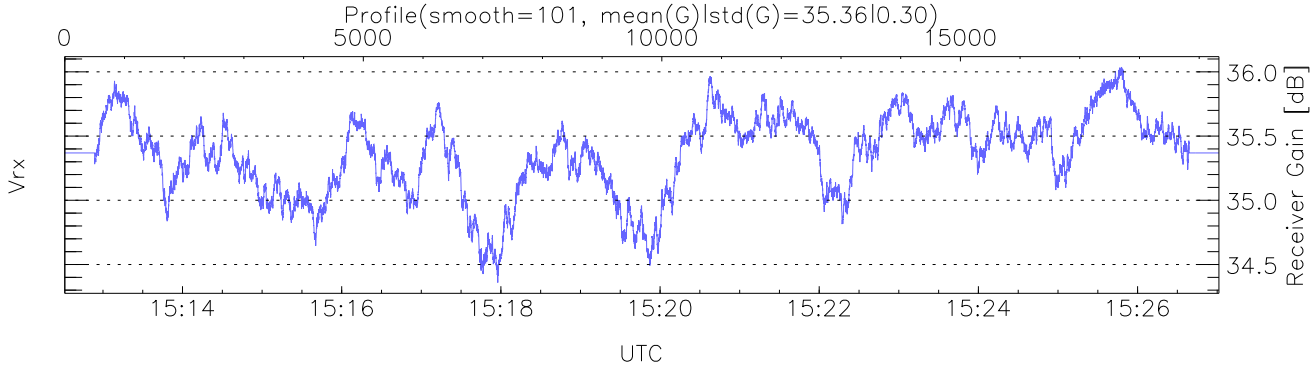
UTC: 15:12:31-15:27:01, TimeCor: 0.00s, Dur: 870.11s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 19332/19332, 0-19331/15:12:31-15:27:01
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

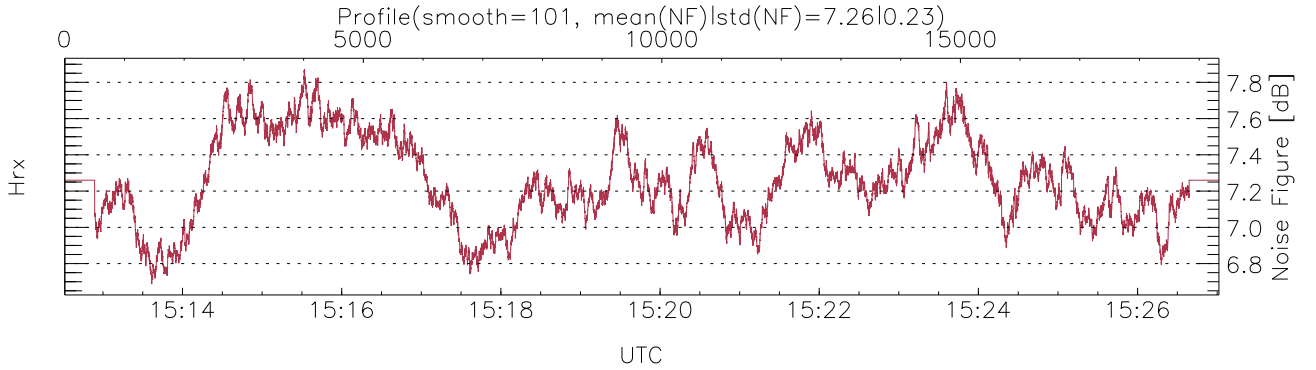


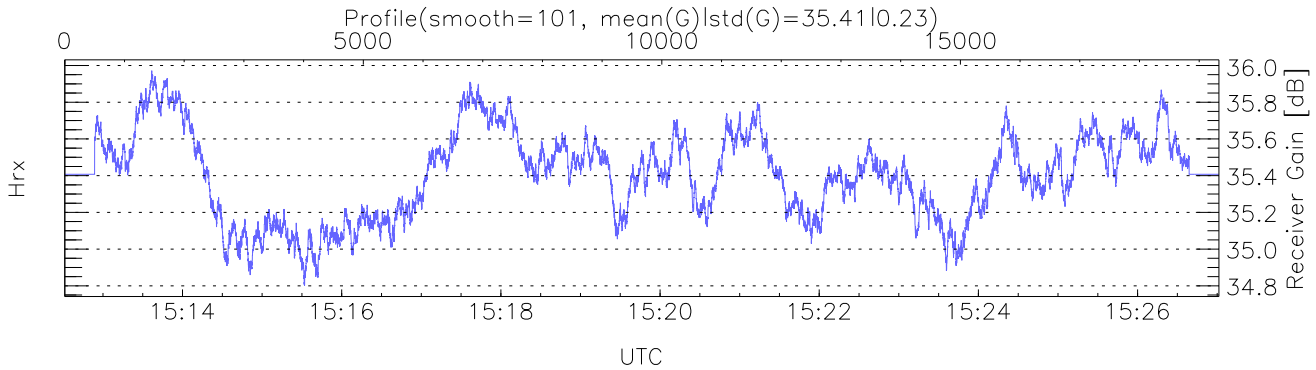
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,30,31,30,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,32,33,31,33
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
DeckF (22)



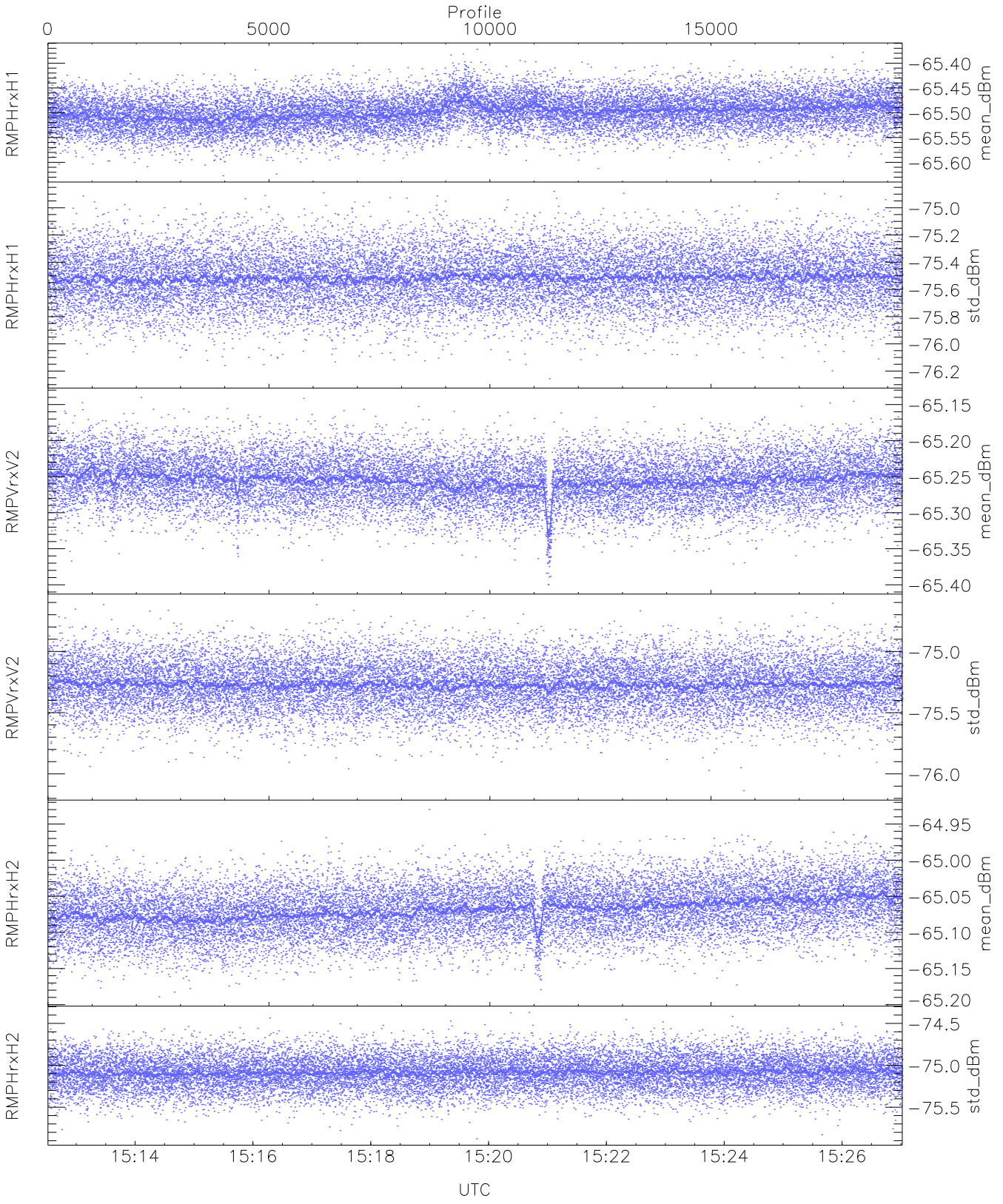






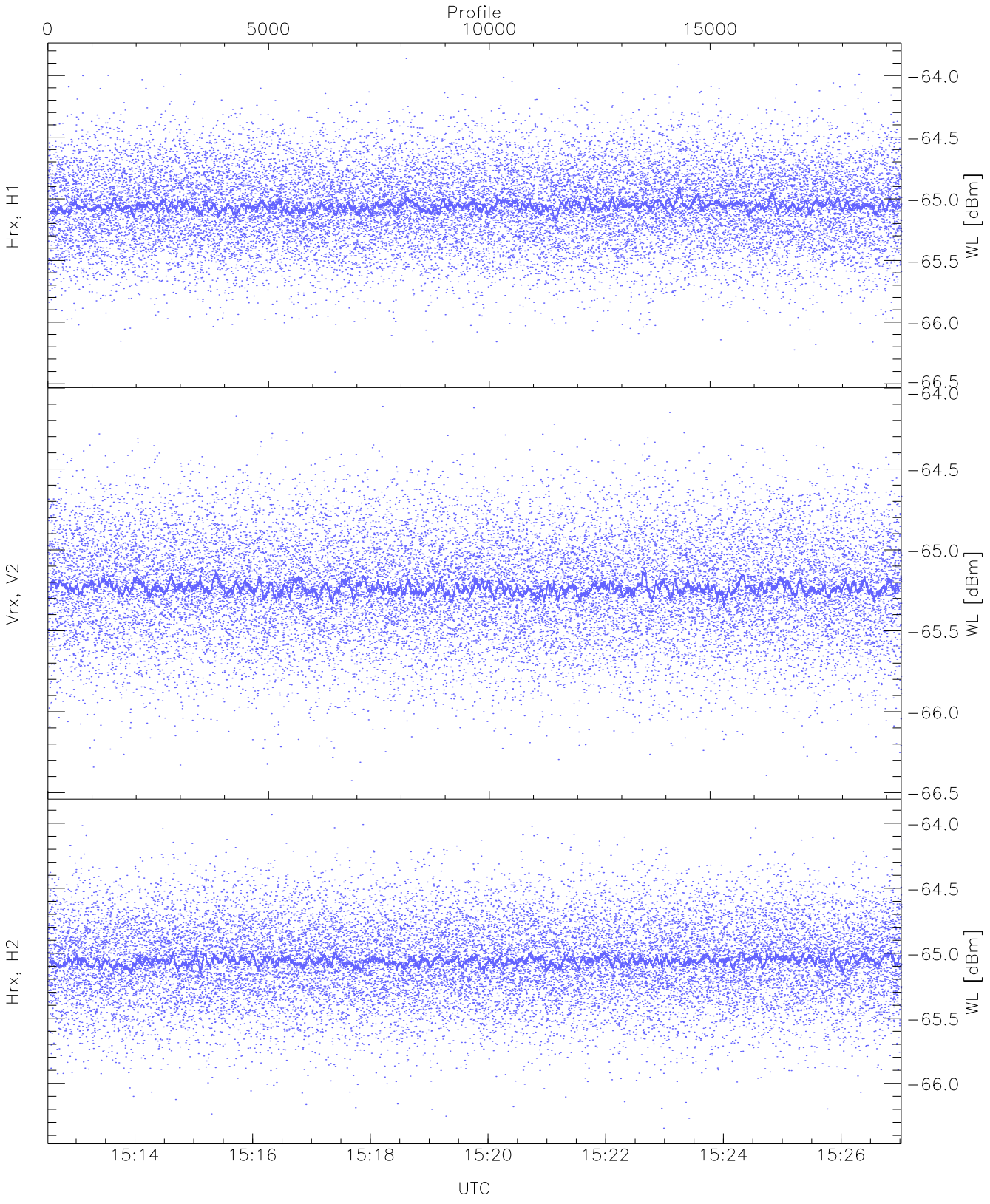
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 24 pixs, 3 gates, 21 profs, 1 prod(s)



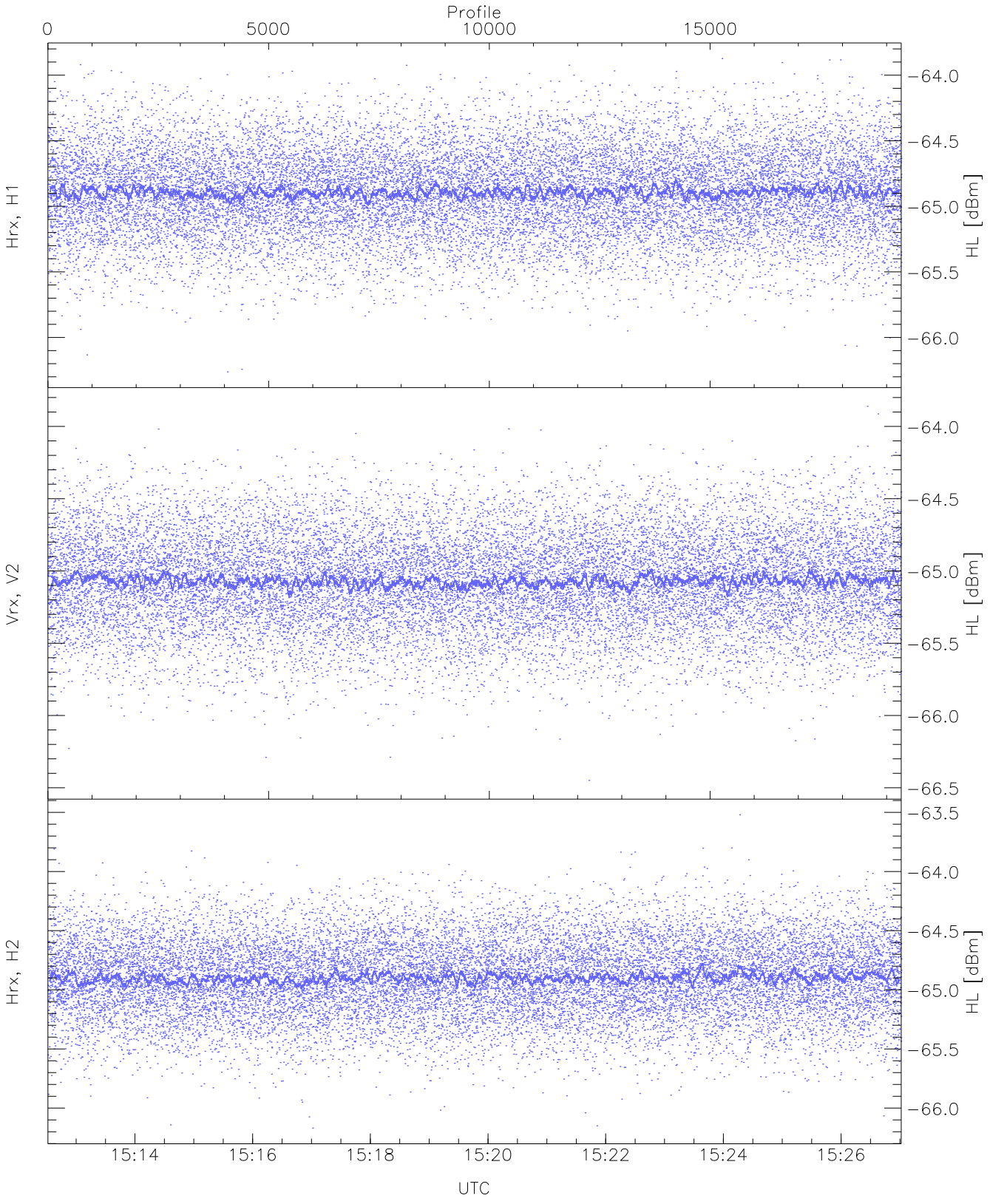
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.63	-65.37	-65.50	-65.50	-86.92
RMPHrxH1(std_dBm)	-76.26	-74.88	-75.51	-75.52	-89.29
RMPVrxV2(mean_dBm)	-65.40	-65.14	-65.26	-65.26	-86.75
RMPVrxV2(std_dBm)	-76.14	-74.61	-75.27	-75.27	-89.06
RMPHrxH2(mean_dBm)	-65.19	-64.93	-65.07	-65.07	-86.42
RMPHrxH2(std_dBm)	-75.88	-74.37	-75.08	-75.09	-88.85



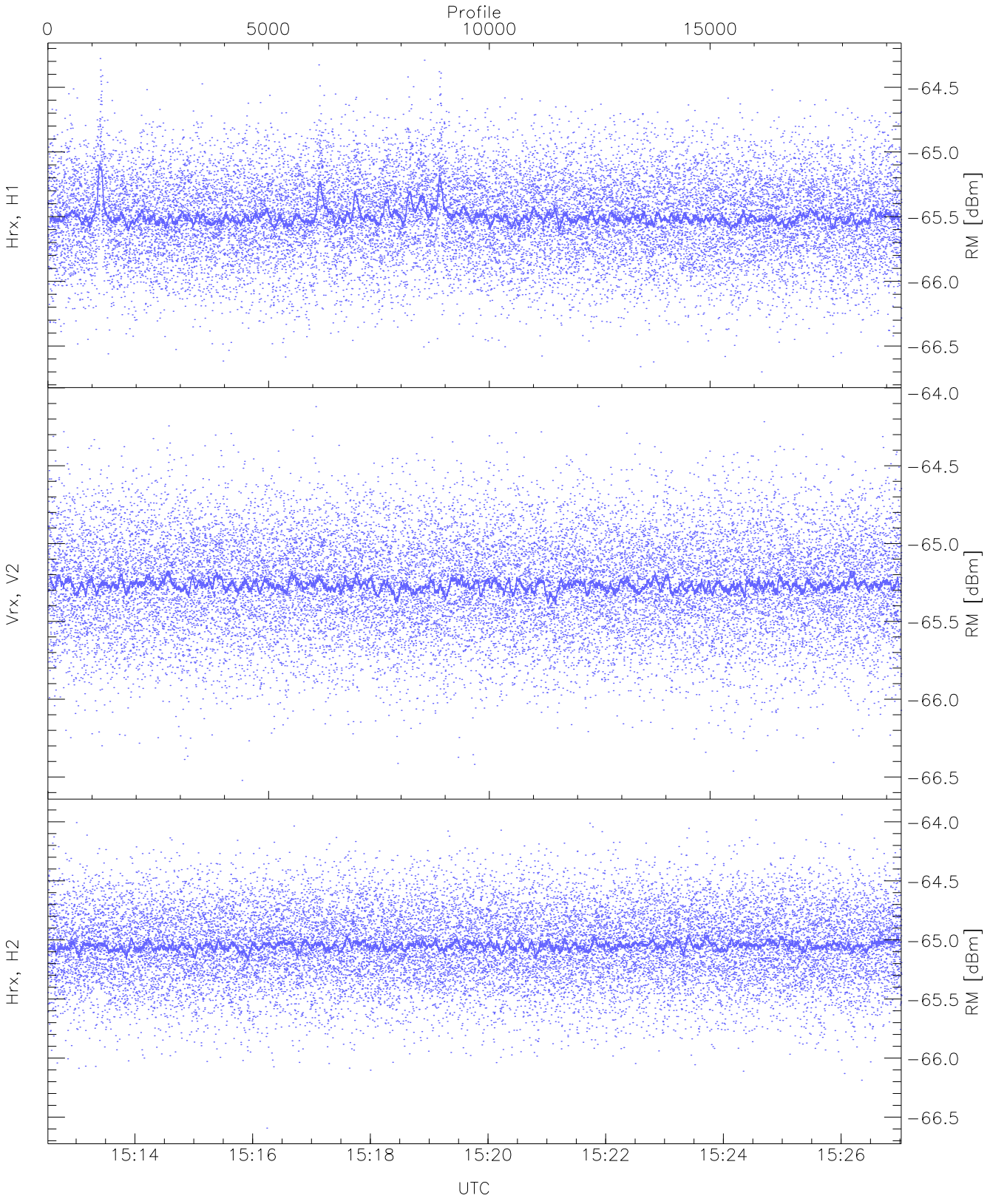
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.40	-63.86	-65.05	-65.06	-76.53
Vrx, V2(WL [dBm])	-66.42	-64.11	-65.23	-65.24	-76.75
Hrx, H2(WL [dBm])	-66.34	-63.93	-65.05	-65.06	-76.60



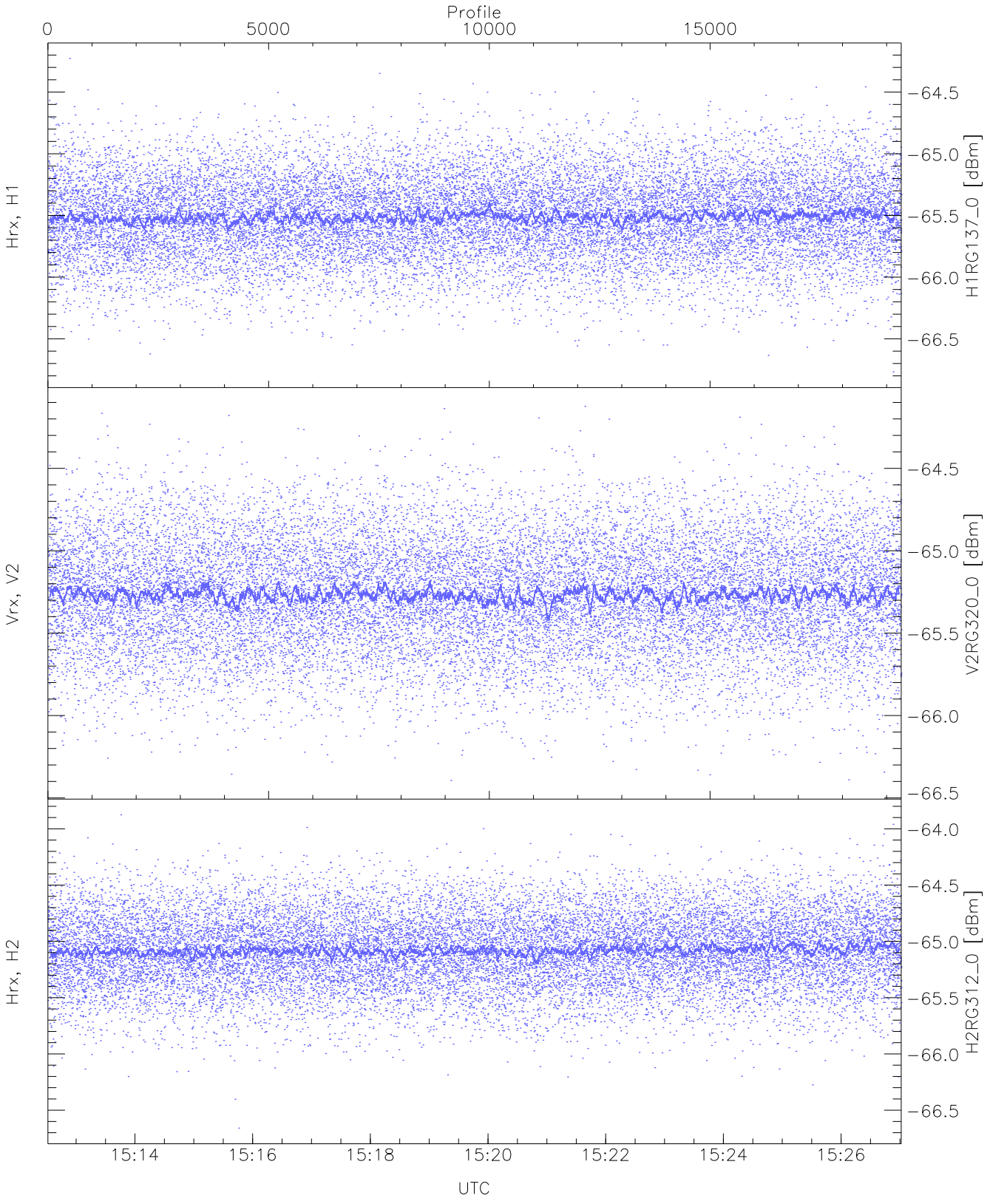
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.26	-63.87	-64.89	-64.89	-76.39
Vrx, V2(HL [dBm])	-66.45	-63.86	-65.06	-65.07	-76.56
Hrx, H2(HL [dBm])	-66.17	-63.52	-64.89	-64.90	-76.40



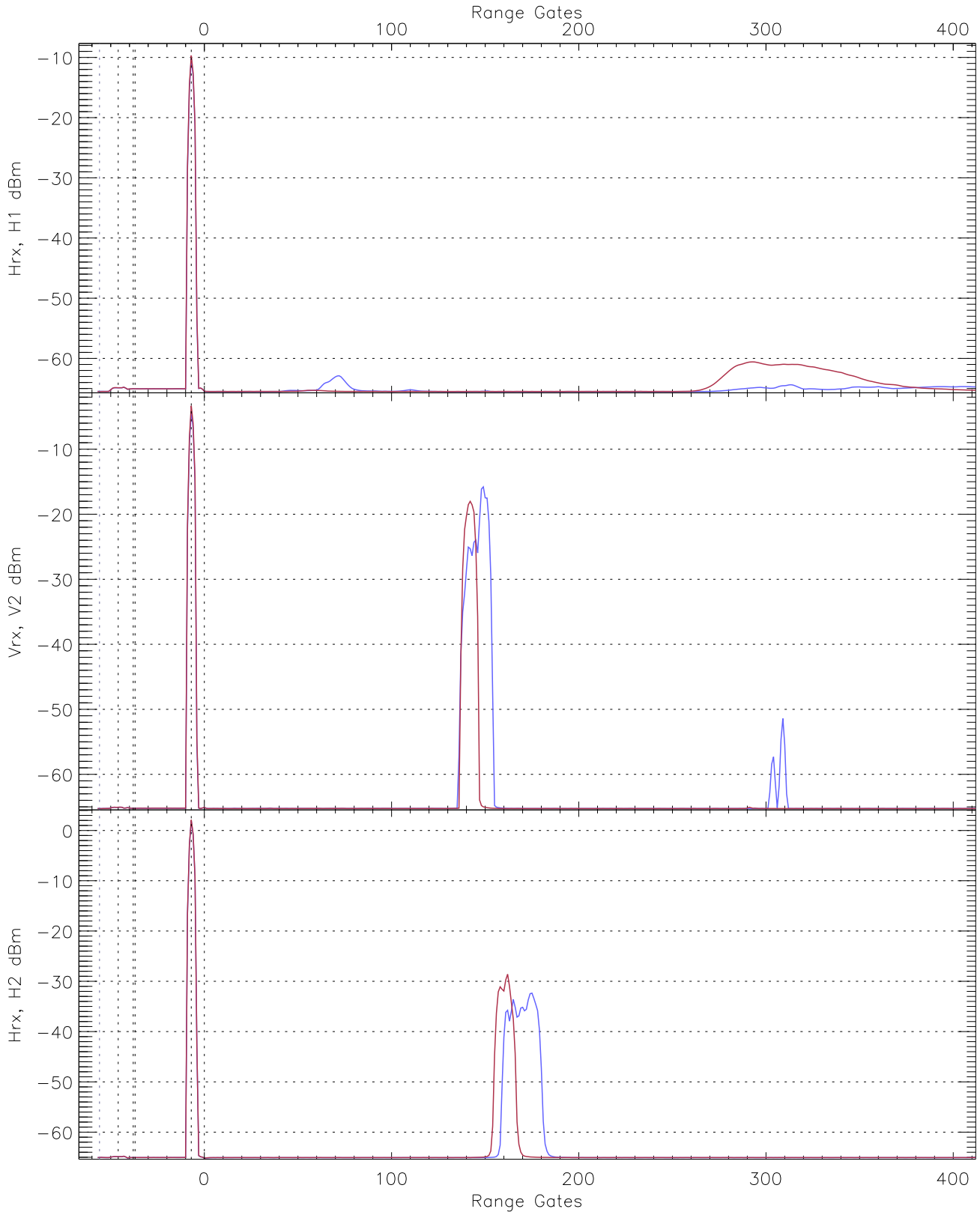
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.70	-64.28	-65.49	-65.50	-76.90
Vrx, V2(RM [dBm])	-66.52	-64.12	-65.26	-65.27	-76.78
Hrx, H2(RM [dBm])	-66.59	-63.94	-65.04	-65.05	-76.57

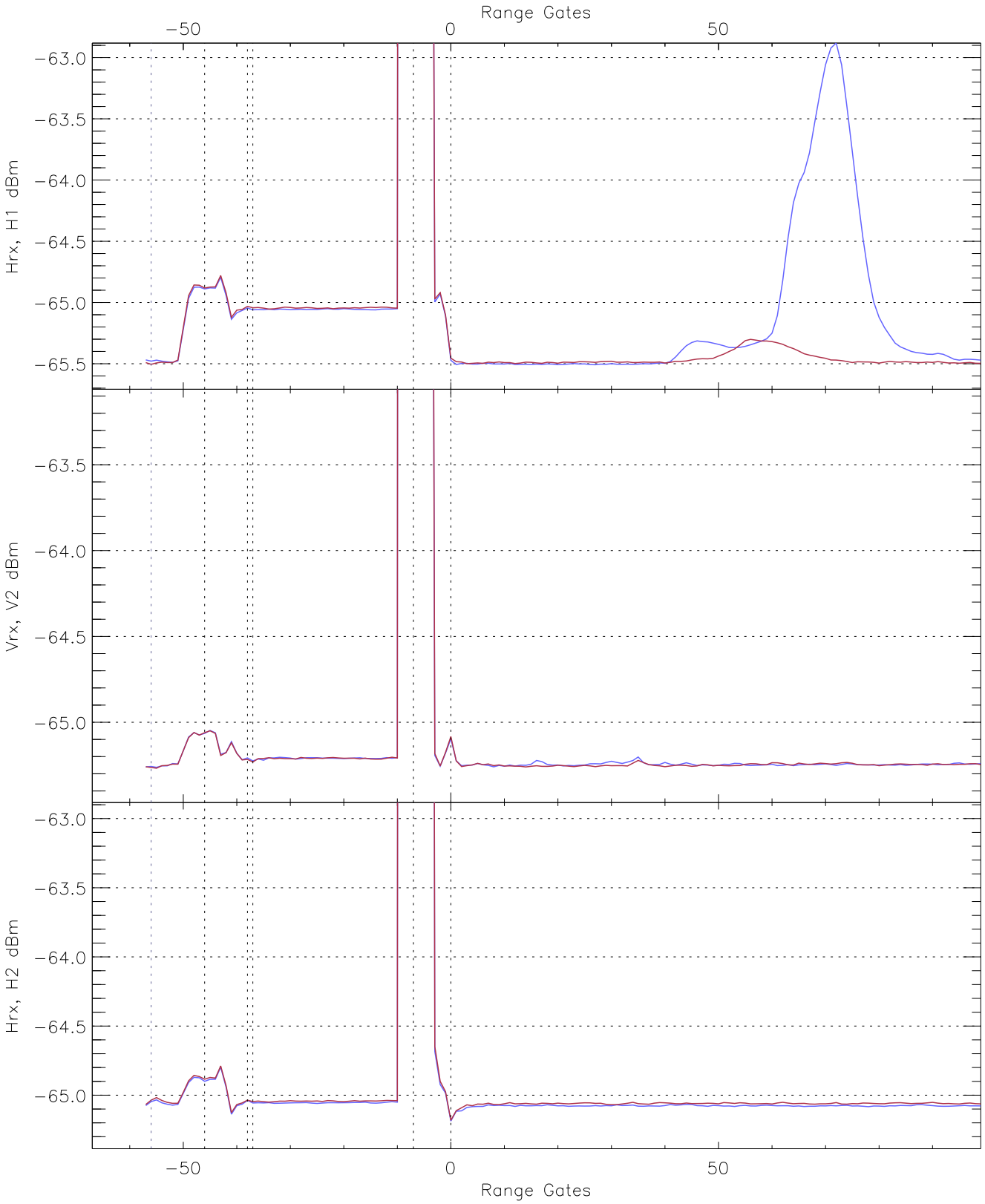


WCR3 CPP "Best" estimate Receivers Noise Power

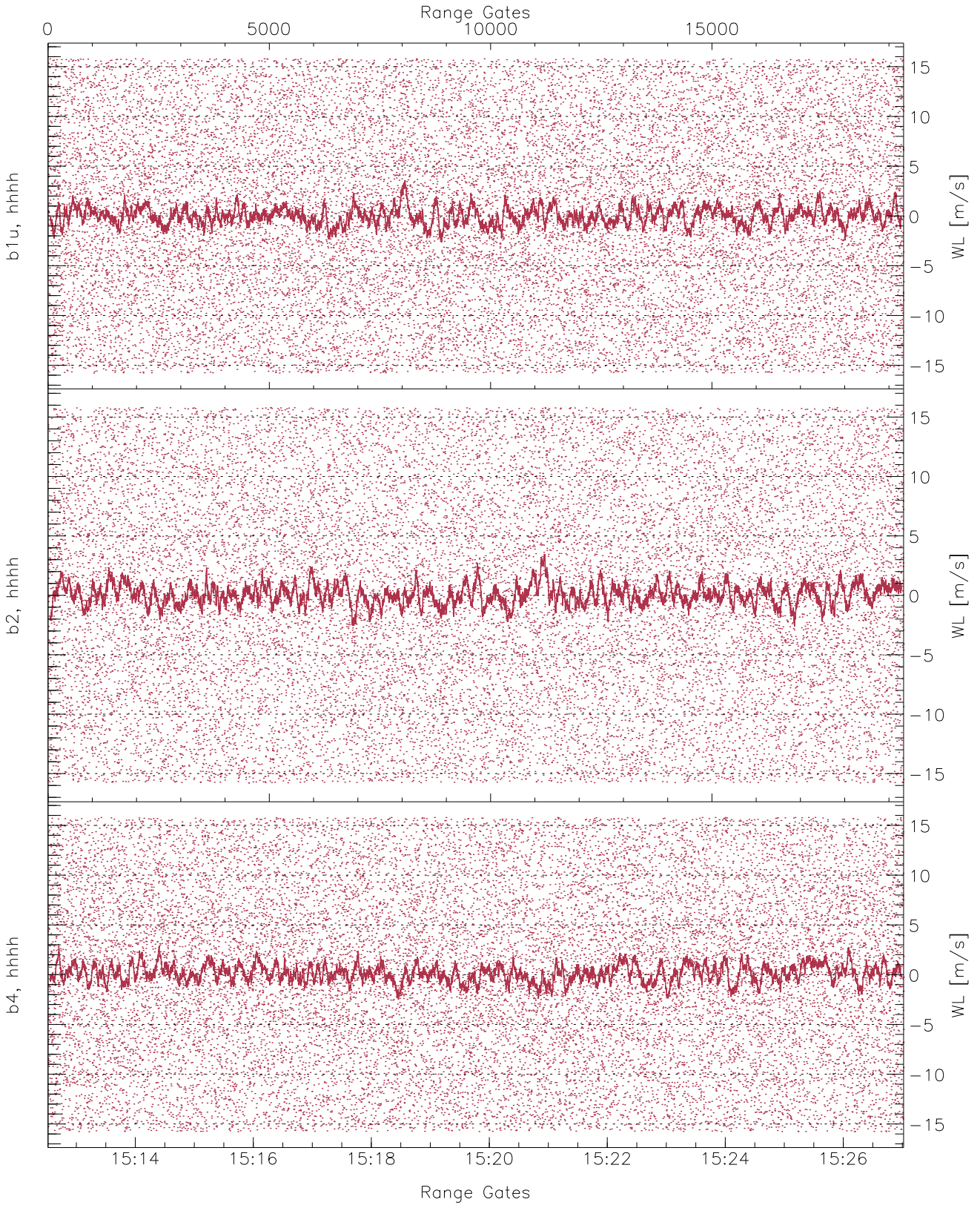
	Min	Max	Mean	Median	StDev
H1RG137_0 [dBm]	-66.77	-64.23	-65.50	-65.51	-77.01
V2RG320_0 [dBm]	-66.39	-64.12	-65.26	-65.27	-76.75
H2RG312_0 [dBm]	-66.66	-63.88	-65.07	-65.08	-76.59



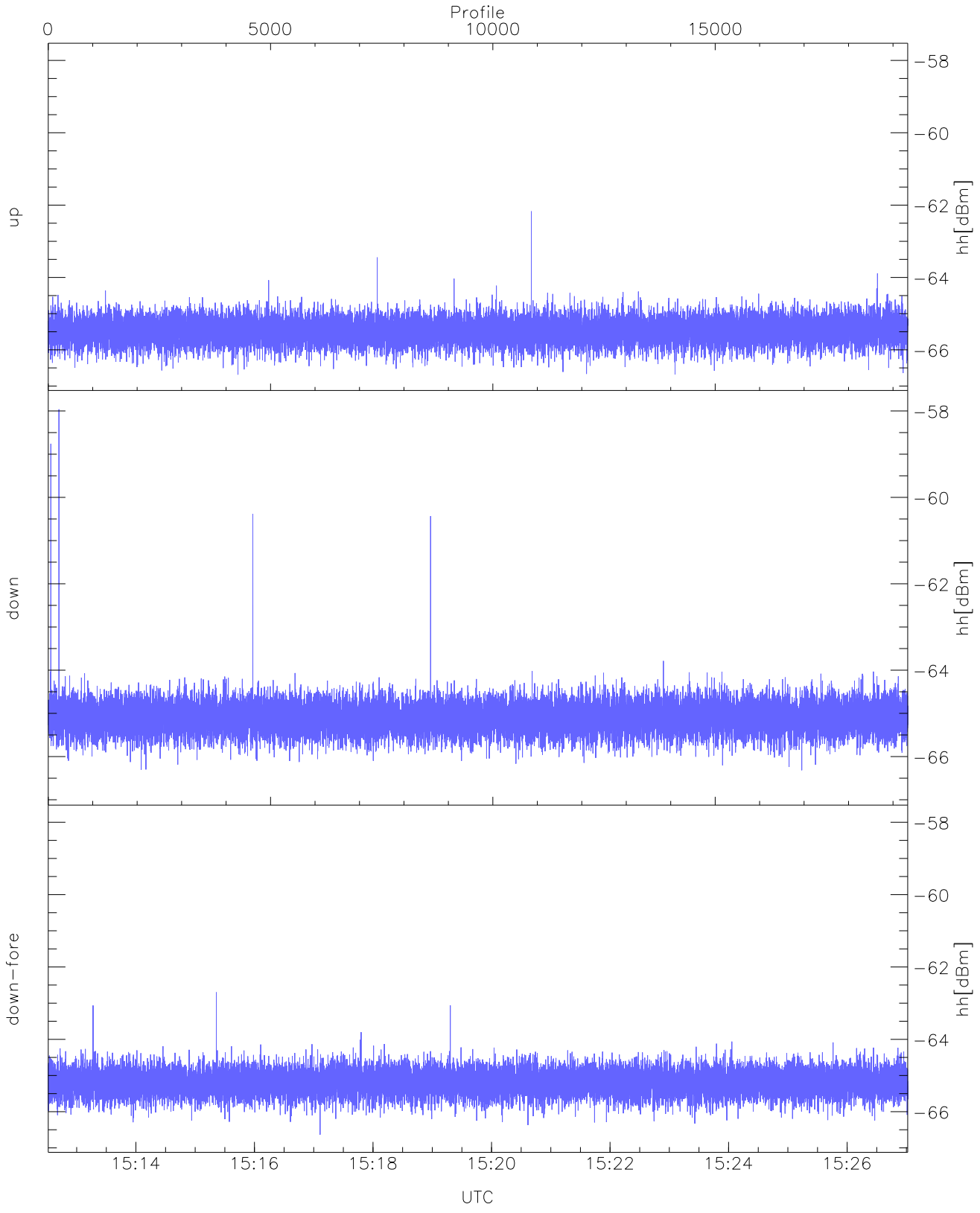
WCR3 CPP Averaged Received power for all recorded gates
blue: 151231-151946, 9667 profiles averaged
red: 151946-152701, 9666 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 151231-151946, 9667 profiles averaged
red: 151946-152701, 9666 profiles averaged

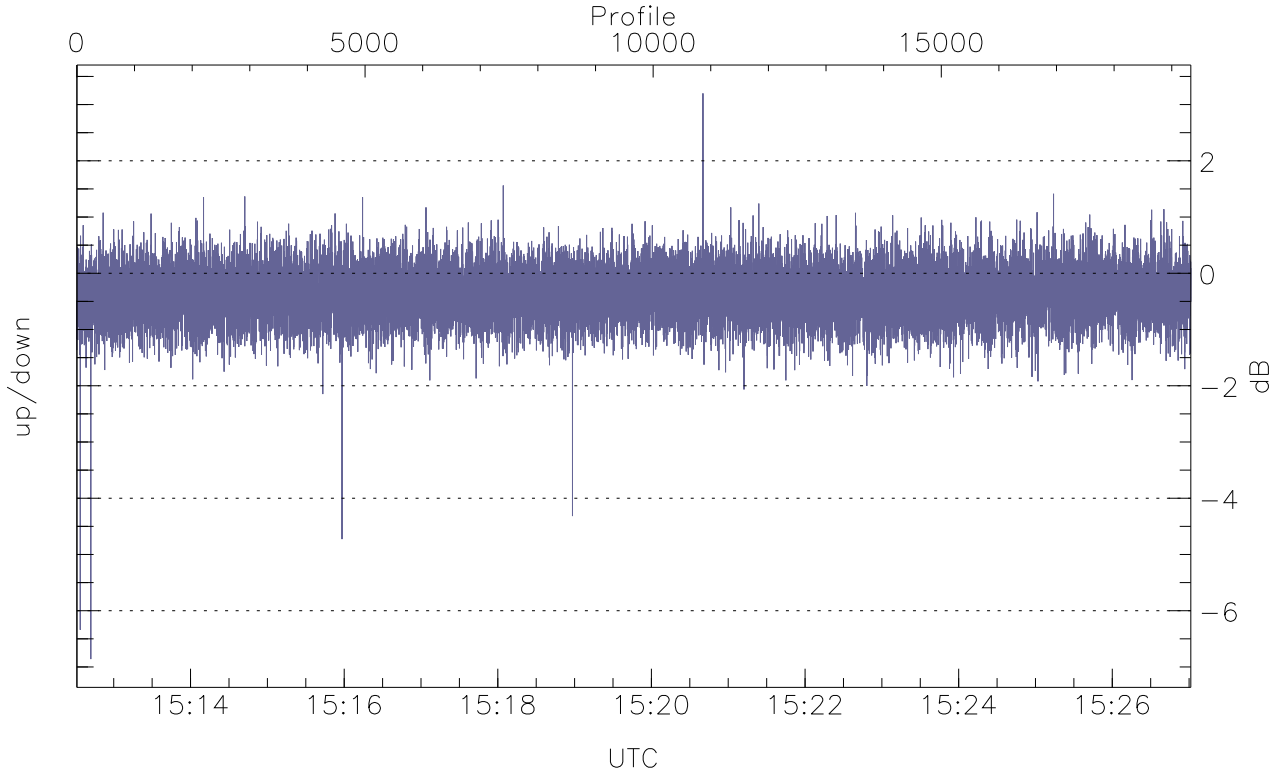


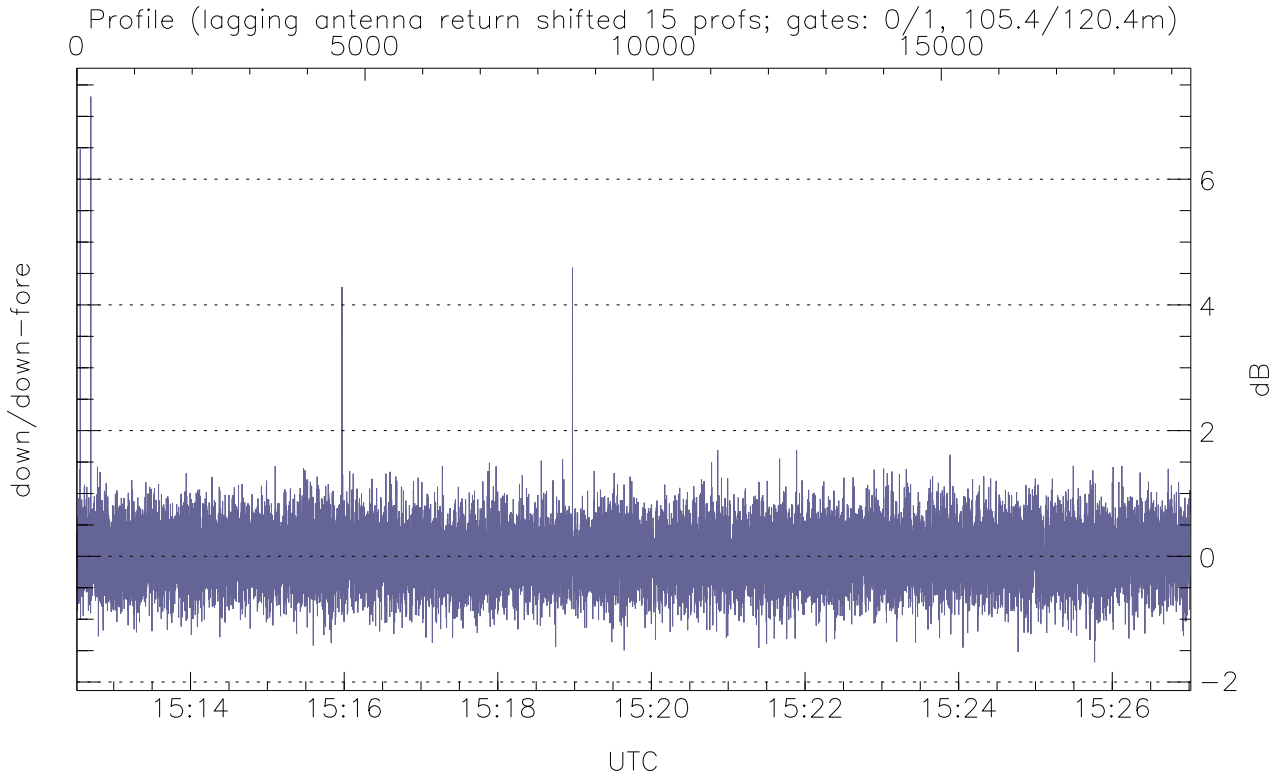
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

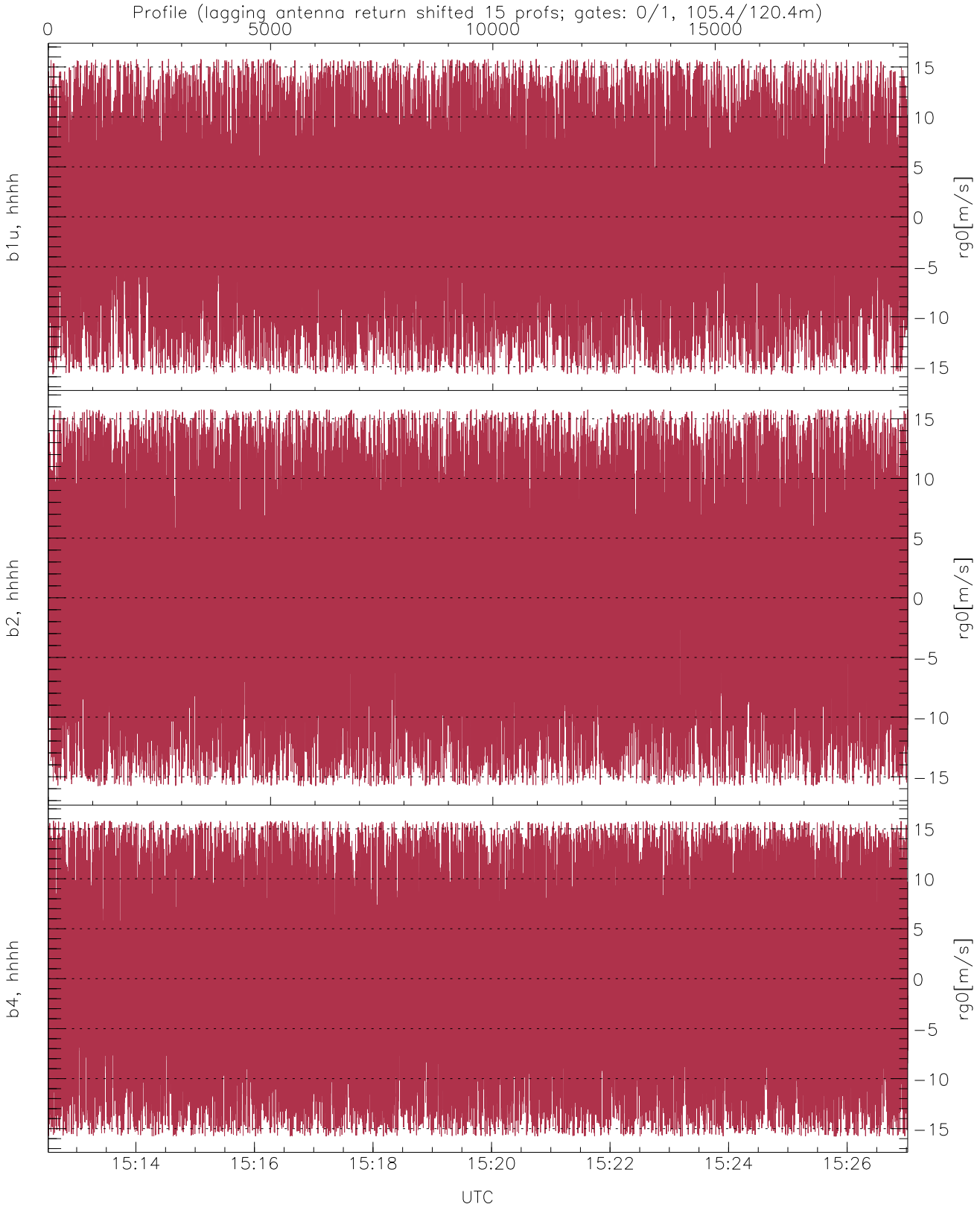
	Min	Max	Mean
up(hh[dBm])	-66.69	-62.17	-65.46
down(hh[dBm])	-66.32	-57.96	-65.09
down-fore(hh[dBm])	-66.63	-62.70	-65.18





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down(dB)	-6.86	3.20	-0.37
down/down-fore(dB)	-1.69	7.32	0.02



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.78	15.79	0.03	7.65
b2, hhhh(rg0[m/s])	-15.79	15.79	-0.07	8.40
b4, hhhh(rg0[m/s])	-15.79	15.79	-0.03	8.79